

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	DOCKET NO. PU0418	APPLICATION NO. To be assigned
		APPLICANT(S) <b>10/594187</b> James Van Alstine, et al.	
		FILING DATE To be assigned	GROUP ART UNIT To be assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
↓	A1	3,869,436	04-Mar-75	Falksveden			
	A2	4,683,294	28-Jul-87	Van Wijnendaele, et al.			
	A3	5,151,358	29-Sep-92	Heinsohn, et al.			
	A4	6,383,393	07-May-02	Colpan, et al.			
	A5	6,399,750	04-Jun-02	Johansson			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
↓	B1	EP 1 319 711	18-Jun-03	EPO				
	B2	WO 98/033572	06-Aug-98	WIPO				
	B3	WO 03/046063	05-Jun-03	WIPO				

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent pages, etc.)

EXAMINER INITIAL	REF	
↓	C1	GEHRKE, S. H., et al., "Protein Sorption and Recovery by Hydrogels Using Principles of Aqueous Two-Phase Extraction", <i>Biotechnology and Bioengineering</i> , volume 58, number 4, 20 May 1998, pages 416-427.
	C2	SHIBUSAWA, Y., et al., "Purification of Lactic Acid Dehydrogenase from Bovine Heart Crude Extract by Counter-Current Chromatography", <i>Journal of Chromatography B</i> , volume 696, 1997, pages 25-31.
	C3	ARSHADY, R., "Styrene Based Polymer Supports Developed by Suspension Polymerization", <i>La Chimica E L'Industria</i> , volume 70, number 9, September 1988, pages 70-75.
	C4	HUERTEN, S., "The Preparation of Agarose Spheres for Chromatography of Molecules and Particles", <i>Biochimica et Biophysica Acta</i> , volume 79, 1964, pages 393-398.
	C5	REMPP, P., et al., "Chapter 12: Synthesis of Graft Copolymers", <i>Comprehensive Polymer Science, The Synthesis, Characterization, Reactions &amp; Applications of Polymers</i> , Volume 6 Polymer Reactions, 1989, Pergamon Press plc.
	C6	JANSON, J. and RYDEN, L., editors, "Protein Purification - Principles, High-Resolution Methods, and Applications Second Edition", John Wiley & Sons, Inc., 1998.
	C7	GAGNON, P., "Purification Tools for Monoclonal Antibodies", Validated Biosystems, Inc., 1996, pages 103-126, 139-143 and 159.

EXAMINER

/Changhwa Chew/

DATE CONSIDERED

09/16/2008

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.